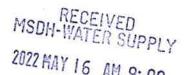
RECEIVED

2021 CERTIFICATION MSDH-WATER SUPPLY Consumer Confidence Report (CCR)022 MAY 31 PM 1: 21

- Town or Parland	
PRINT Public Water System Name	
PRINT Public Water System Name PUS 77 08/000 7	
List PWS ID to form II O	
List PWS ID #s for all Community Water Systems included in this C	CR
INDIRECT DELIVERY METHODS (Attach convert and in the convert and in th	
INDIRECT DELIVERY METHODS (Attach copy of publication, water bill or other)	
Advertisement in local paper (Attach copy of advertisement)	DATE ISSUED
□ On water bill (Attach copy of bill)	11/1/2/20
□ Email message (Email the message to the address below)	Huy supso
on onici inescuba.	
Wall in Town Hall	Mar 21 12
	4 kg , dk , dd
DIRECT DELIVERY METHOD (Attach copy of publication, water bill or other)	DATE IDOUGH
□ Distributed via U.S. Postal Service □ Distributed via E-mail as a URL	DATE ISSUED
(Provide direct URL):	
□ Distributed via Email as an attachment	
Distributed via Email as an attachment	
□ Distributed via Email as text within the body of email message	
Trubilished in local newspaper (attach copy of published one)	
Posted in public places (attach list of locations or list here)	
Dooted and	
□ Posted online at the following address (Provide direct URL):	
The state of the s	
hereby certify that the Coast	
the appropriate distribution method(a) based and distributed to its custome	IS ID accordance with
to contact and consistent with the water analth many the contact the information of	ontained in the report
of Federal Regulations (CFR) Title 40, Part 141.151 – 155.	irements of the Code
Thoragrett Sugar City Clark	11/21 21 200
Name Title	7/44 51, 2009
SUBMISSION OPTIONS (Select one method ONLY)	
You must email or mail a copy of the CCR, Certification, and associated proof of delive	
The most in building maintain and the second of the second	ery method(s) to
Finally Water reports @	212
, and an additional of the state of the stat	V
P.O. Box 1700 Jackson, MS 39215	

2021 Annual Drinking Water Quality Report Town of Oakland PWS#: 0810007



May 2022

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality Water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water.

If you have any questions about this report or concerning your water utility, please contact James R. Swearengen at 662.623.8668. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Tuesday of the month at 7:00 PM at the Town Hall located at 13863 Hickory Street, Oakland, MS 38948.

Our water source is from wells drawing from the Lower Wilcox Aquifer. The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Town of Oakland have received lower to moderate susceptibility rankings to contamination.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2021. In cases where monitoring wasn't required in 2021, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

				TEST RESU	ILTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic C	Contami	inants						
10. Barium	N	2019*	.0137	.00480137	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2019*	1.7	1.3 – 1.7	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits

14. Copper	N	2018/20	.3	0	1	pm	1.	3 AL=		Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2019*	.22	.17122	1	opm		4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2018/20)* 2	0	1	opb		0 AL=	:15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	1700	00 No Range		opb		0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection	on By	-Produ	cts	**						
81. HAA5	N	2018*	5	No Range	ppb		0	60		Product of drinking water infection.
82. TTHM [Total trihalomethanes]	N	2021	76.9	49.6 – 76.9	ppb		0			product of drinking water orination.
Chlorine	N	2021	1.1	45 - 2	mg/l		0 1	MRDL = 4 Water microb		iter additive used to control crobes

^{*} Most recent sample. No sample required for 2021.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Town of Oakland works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

PROOF OF PUBLICATION OF NOTICE

State of Mississippi Yalobusha County

fore me, BETTY K. SHEARER, Notary iblic of said County, this day came wid Howell, who stated on oath that he the Editor and Publisher of the North salssippi Herald, a public newspaper blishing and having a general circulan in the City of Water Valley, said unty and State, and made oath further if advertisement, of which a copy as ated is annexed, was published in said Aspaper for consecutive eks in its issues numbered and dated follows, to-wits

34 NO.10	Duted the	6 or May	21000
No	Dalod the	ol	20
No.	Dolad the		20
No.		01	
Ho	Datest the	ol	50
he altache	Issues Notice ap as afores	of said news opeared in ea said of said ne	spaper,

North Miceiselppi Herald

n to and subscribed before me 26 day of MAY Valley Yalobusha County, Mississippi OF MISS BETTY SHEARER Commission Expires

May 30, 2023

2021 Annual Drinking Water Quality Report Town of Oakland PWS#: 0810007 May 2022

We're pleased to present to you this years Annual Querry Water Report. This report is designed to inform you about the quality water a services we deliver to you every day. Our adoption goal is to provide you with a safe and dependable supply of deniving water. We said you understand the efforts we make to community improve the water heatmost process and protect our water recovers. We are communities

If you have any questions about this report or concerning your water utility, please correct James R. Swearengen at 662,623,5655. We want valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly activated meeting are held on the first Tuesday of the month at 2 00 PM at the Town Hall located at 13553 Rickory Street, Oakland, MS 35558.

Our water source is from wells drawing from the Lower Wilcox Aquillar. The source water assessment has been completed for our public wa system to determine the overall successions of as drawing water supply to identified potential sources of contamination. A report contamination on how the succeptibility data minations were made has been familiated to our public water system and is assemble viewing upon request. The wells for the Televi of Oakkend have received lower to moderate succeptibility warkings to contamination.

We rounnely monitor for contaminants in your drinking water according to Faderal and Store laws. This table below lasts all of the drinking water contaminants that were detected during the period of damatry 1" to December 31". 2021. In cases where monitoring wasn't required in 2021 the table infects the most recent results as water drives directly be sufficient of and or undersproud, it describes accounting materials and can pick up autobations or contaminants from the presence of derivatile or from human activities visual and backers that may done from accounting the production, and wisder income contaminants, such as each and make, which can be naturally occurring or makes from under human activities, and wisder income contaminants, such as each and makes after can be naturally occurring or makes from under human score runoif industrial or domastic westerwater decharges, of end give production, mind an or forming prescribed and electricis. Another runoif industrial or domastic westerwater decharges, of end give production, mind an or forming prescribed and electricis which may continue that the understand or domastic uses; organic character contaminants indicates and each experience, accordance, which are by-youthurst procuring or be the instruction, and can also come from a provided by public water to enture that the water is seen to down in PA prescribes required or the result of oil and goes production and can accordance or contaminants. It is important to remember that the presence of finance contaminants does not necessarily incloses that it

In this fable you will find many terms and abbreviations you might not be termine with. To help you better understand draws terms well provided the following their storm.

Action Level - the concentration of a conteminant which, it exceeded, imposs treatment or other requirements which a water system mu

ecours Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in display water MCLs are set as cities to the MCLGs as feasible using the best available treatment technology.

Meanium Contentionent Level Goal (MCLG) - The "Goal"(MCLG) is the level of a conteminant in orbiting water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

comparation Description Level (MRDL) + The highest level of a disinfectant allowed in drinking water. There is convincing evidence in addedn of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Distributant Level Goal (MRDLG) — The level of a granting water distributions below which there is no known or expedit risk of health. MRDLGs do not reflect the benefits of the size of distributions to control increbsel contaminants.

Parts per million (ppm) or Miligrams per itter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Perts per billion (ppp) or Microsysims per liter-one part per billion corresponds to one minute in 2,000 years, or a single pency in \$10,000,000

		71-110	٤.		TEST	RES	ULTS					
Contaminare	Violation	Collec		Datacle	Range of D # of Gen Excess MCL//	mples ding	Unit Measure -mont	N	CLG	MC	2	Unity Source of Contamination
Inorganic	Contan	inant	8									
10 Barium	N	5015-		0127	0048 - 013	17	ppm		2		2	Discharge of draing wastes. discharge from matel refractes: erosion of natural decounts
13 Chromium	N	2019*		17	13-17	10,7	ppis		100		100	Discharge from steel and pute mile, amount of rational discoule
14. Copper	N	2018	,	i	a		ppm		1.3	AL:	1.3	Company of howehost purceing systems, erosion of natural deposits, leaching from wood protections
16 Fluoride	и	20164		72	171- 22	ant s	ppm		4		4	Ensuion of natural deposits, was additive which promotes strong teeth, declarate from fartilizer or stansium factores.
	N	2018/20		2	0		ppb		0	AL	15	Correason of reusehold plumbing queeza, eresise of relaxed exposits
Sodium	N	2019*		170000	No Range		apb		0		ð	Road Sait, Water Treatment Characala, Water Softeners and Sevence Efficients
Disinfection			rts	W.						700	217	The state of the s
19 HAAS	N I	018*	5		la Range	pipis	1	0		80 Br		Product of crisions water
2. TTHM Total thalomethanes!	N Z	021	78	9 4	8.5 - 76.9	ppb		0		60 By		reaction. product of drinking water idhadon.
hionne	N 2	021	1,1	1	-2	mg/l	-	0	MRD	L=4 Wa		or address used to correct

* Most recent sample. No sample required for 2021.

As you can see by the table, our system had no violesons. We're groud trackyour discusing water meets or exceeds all Federal and State requirements. We have learned brough our monitoring and testing that some contaminants have been detected however the EPA has determined truit your water IS SAFE at these levels.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whitefact or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH new notifies systems of any meeting samples prior to the end of the compliance period.

If present, dravated levels of lead can count below health problems, especially for pregnent women and young children. Lead in does water as presently from materials and components associated with service lines and home gainthing. Our select system is responsible providing high quality drinking water, but cannot control the venety of materials used in promoting components. Which your exponents along for several hours, you can minimize the potential for lead exposure by flushing your sep to 30 seconds to 2 minutes before using less for drinking or cooking. If you are concerned about lead it your water, you may visin to have your water tested, information on lead it owns water. When your water has been